

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	7	"6467630"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/23 13:23
L3	43	(US-20050072677-\$ or US-20060260944-\$ or US-20060070879-\$ or US-20040063196-\$ or US-20020036139-\$ or US-20020121443-\$ or US-20030057094-\$ or US-20030102854-\$ or US-20030170698-\$ or US-20020106314-\$ or US-20040020773-\$ or US-20030159932-\$ or US-20020125138-\$ or US-20050040044-\$ or US-20030146100-\$ or US-20040040848-\$ or US-20030159943-\$ or US-20030141294-\$).did. or (US-6858184-\$ or US-6149789-\$ or US-6465225-\$ or US-6942776-\$ or US-6833061-\$ or US-6801311-\$ or US-6610188-\$ or US-6467630-\$ or US-6977033-\$ or US-7056430-\$ or US-6749736-\$ or US-6537433-\$ or US-6440285-\$ or US-6294063-\$ or US-5814200-\$ or US-4956065-\$ or US-7070684-\$ or US-6492175-\$ or US-6673225-\$ or US-6056861-\$ or US-4001102-\$ or US-5948328-\$ or US-5454472-\$ or US-6663757-\$ or US-6169394-\$).did.	US-PGPUB; USPAT;	AND	OFF	2007/02/23 13:42
L4	3	L3 and (electrode\$1 with octupole)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/23 14:45
L6	4	("4326934").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/23 14:45
S1	1	"20050072677"	US-PGPUB	AND	OFF	2007/02/09 12:09
S2	225	204/547,643.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 09:35

## EAST Search History

S3	11	Gascoyne-Peter.in. or Vykovakal-Jody.in.	US-PGPUB	AND	OFF	2007/02/22 16:48
S4	21	("5007732" "5159403" "5506673" "5726364" "5858192" "5888370" "5895764" "5993630" "5993632" "6263745" "6287832" "6294063").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 12:15
S5	227	204/547,643.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 09:36
S6	85	S5 and (negative\$ with (dielect\$ or DEP))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 11:04
S7	8	S5 and (negative\$ with (dielect\$ or DEP)) and electroporat\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 11:04
S8	32	S5 and (negative\$ with (dielect\$ or DEP)) and lys\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 09:40
S9	15	S5 and (negative\$ with (dielect\$ or DEP)) and (feedback or (feed adj back) or feed-back)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 12:16
S10	38	S5 and (negative\$ with (dielect\$ or DEP)) and (interdigitated with electrode\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 10:09
S11	2	S5 and (negative\$ with (dielect\$ or DEP)) and octupole	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 09:55
S12	38	S5 and (negative\$ with (dielect\$ or DEP)) and ((annular\$ or ring\$ or circular\$) same electrode\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 10:43
S13	7	"6467630"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 10:09
S14	52	S5 and dielectrophore\$ and ((annular\$ or ring\$ or circular\$) with electrode\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/22 12:11

## EAST Search History

S15	9	S5 and dielectrophore\$ and ((annular\$ with electrode\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 17:50
S16	64	S5 and (negative\$ with (dielect\$ or DEP)) and ac	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 10:25
S17	84	S5 and (negative\$ with (dielect\$ or DEP)) and alternat\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 10:33
S18	9	(US-20060260944-\$ or US-20050040044-\$ or US-20030146100-\$ or US-20050072677-\$).did. or (US-7070684-\$ or US-6749736-\$ or US-6440285-\$ or US-6467630-\$ or US-4001102-\$).did.	US-PGPUB; USPAT	AND	OFF	2007/02/21 10:41
S19	6	S5 and (negative\$ with (dielect\$ or DEP)) and orthogon\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 10:38
S20	66	S5 and (negative\$ with (dielect\$ or DEP)) and array	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 10:38
S21	67	S5 and (negative\$ with (dielect\$ or DEP)) and array\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 10:38
S22	90	Fuhr-Gunter.in. or Schnelle-Thomas.in. or Muller-Torsten.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 10:43
S23	13	dielectrophore\$ and impedance	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 10:44

## EAST Search History

S24	21	(US-20060260944-\$ or US-20050040044-\$ or US-20030146100-\$ or US-20050072677-\$ or US-20040063196-\$ or US-20040040848-\$).did. or (US-7070684-\$ or US-6749736-\$ or US-6440285-\$ or US-6467630-\$ or US-4001102-\$ or US-6833061-\$ or US-6801311-\$ or US-6663757-\$ or US-6610188-\$ or US-6492175-\$ or US-6465225-\$ or US-6149789-\$ or US-6056861-\$ or US-5948328-\$ or US-5454472-\$).did.	US-PGPUB; USPAT	AND	OFF	2007/02/21 10:50
S25	17	S24 and center	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 10:51
S26	32	S5 and (negative\$ with (dielect\$ or DEP)) and (impedance or impedance)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 11:04
S27	48	S5 and dielectrophore\$ and (impedance or impedance)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 11:05
S28	33	S5 and dielectrophoresis and (feedback or (feed adj back) or feed-back)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 11:11
S29	25	S5 and dielectrophoresis and (feedback or (feed adj back) or feed-back) and flow	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 14:08
S30	15	"4,956,065"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 11:35
S32	2	S31 and (feedback or (feed adj back) or feed-back)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 12:24
S33	3	S31 and (impedance or impedance)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 12:25
S34	15	S31 and (impedance or impedance or position\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 12:25

## EAST Search History

S35	116	dielectrophore\$ and ((feedback or (feed adj back) or feed-back) same (impedance or impedance or position\$)) and flow	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 12:35
S36	100	dielectrophore\$ and ((feedback or (feed adj back) or feed-back) same (impedance or impedance or position\$)) and flow and particle\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 16:31
S37	93	dielectrophore\$ and ((feedback or (feed adj back) or feed-back) same (impedance or impedance or position\$)) and ((fluid\$ or microfluid\$2 or micro-fluidic or liquid\$) with flow) and particle\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 13:34
S38	20	dielectrophore\$ and ((feedback or (feed adj back) or feed-back) with (impedance or impedance or position\$)) and ((fluid\$ or microfluid\$2 or micro-fluidic or liquid\$) with flow) and particle\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 13:44
S39	8	S28 not S29	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 14:19
S40	5	(("6169394") or ("6084503") or ("5569591") or ("5580435") or ("6149789")).PN.	USPAT	OR	OFF	2007/02/21 14:36
S41	5	S40 and (dielectrophore\$ or feedback or (feed adj back) or feed-back or impedance or impedance or position\$ or flow or fluid\$2 or microfluidic or micro-fluidic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 14:56

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S42	38	(US-20060260944-\$ or US-20050040044-\$ or US-20030146100-\$ or US-20050072677-\$ or US-20040063196-\$ or US-20040040848-\$ or US-20060070879-\$ or US-20020125138-\$ or US-20030159932-\$ or US-20030057094-\$ or US-20020121443-\$ or US-20020036139-\$ or US-20040020773-\$ or US-20030170698-\$ or US-20030102854-\$).did. or (US-7070684-\$ or US-6749736-\$ or US-6440285-\$ or US-6467630-\$ or US-4001102-\$ or US-6833061-\$ or US-6801311-\$ or US-6663757-\$ or US-6610188-\$ or US-6492175-\$ or US-6465225-\$ or US-6149789-\$ or US-6056861-\$ or US-5948328-\$ or US-5454472-\$ or US-6673225-\$ or US-6942776-\$ or US-4956065-\$ or US-6537433-\$ or US-6294063-\$ or US-5814200-\$ or US-6977033-\$ or US-6169394-\$).did.	US-PGPUB; USPAT	AND	OFF	2007/02/21 14:47
S43	10	S42 and ((feedback or (feed adj back) or feed-back) with (impedance or impedance or position\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 14:50
S44	20	S42 and (feedback or (feed adj back) or feed-back)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 15:35
S45	38	S42 and (dielectrophore\$ or feedback or (feed adj back) or feed-back or impedance or impedance or position\$ or flow or fluid\$2 or microfluidic or micro-fluidic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 14:56
S46	4	dielectrophore\$ and ((feedback or (feed adj back) or feed-back) same (impedance or impedance or position\$) same (central\$ or center\$ or middle or narrow)) and flow	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/22 12:10

## EAST Search History

S47	38	(US-20060260944-\$ or US-20050040044-\$ or US-20030146100-\$ or US-20050072677-\$ or US-20040063196-\$ or US-20040040848-\$ or US-20060070879-\$ or US-20020125138-\$ or US-20030159932-\$ or US-20030057094-\$ or US-20020121443-\$ or US-20020036139-\$ or US-20040020773-\$ or US-20030170698-\$ or US-20030102854-\$).did. or (US-7070684-\$ or US-6749736-\$ or US-6440285-\$ or US-6467630-\$ or US-4001102-\$ or US-6833061-\$ or US-6801311-\$ or US-6663757-\$ or US-6610188-\$ or US-6492175-\$ or US-6465225-\$ or US-6149789-\$ or US-6056861-\$ or US-5948328-\$ or US-5454472-\$ or US-6673225-\$ or US-6942776-\$ or US-4956065-\$ or US-6537433-\$ or US-6294063-\$ or US-5814200-\$ or US-6977033-\$ or US-6169394-\$).did.	US-PGPUB; USPAT	AND	OFF	2007/02/21 16:35
S48	20	S47 and (feedback or (feed adj back) or feed-back)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 16:37
S49	20	S47 and (feedback or (feed adj back) or feed-back) and ((feedback or (feed adj back) or feed-back) or central\$ or center\$ or middle or narrow)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 16:37

## EAST Search History

S50	41	(US-20060260944-\$ or US-20050072677-\$ or US-20050040044-\$ or US-20030146100-\$ or US-20030159932-\$ or US-20020125138-\$ or US-20030057094-\$ or US-20020036139-\$ or US-20060070879-\$ or US-20040063196-\$ or US-20040040848-\$ or US-20020121443-\$ or US-20040020773-\$ or US-20030170698-\$ or US-20030102854-\$ or US-20020106314-\$).did. or (US-7070684-\$ or US-6942776-\$ or US-6749736-\$ or US-6149789-\$ or US-6056861-\$ or US-6673225-\$ or US-6440285-\$ or US-5814200-\$ or US-4956065-\$ or US-6833061-\$ or US-6663757-\$ or US-6610188-\$ or US-6492175-\$ or US-6465225-\$ or US-6294063-\$ or US-6169394-\$ or US-6467630-\$ or US-4001102-\$ or US-6801311-\$ or US-5948328-\$ or US-5454472-\$ or US-6537433-\$ or US-6977033-\$ or US-6858184-\$ or US-7056430-\$).did.	US-PGPUB; USPAT	AND	OFF	2007/02/21 17:40
S51	7	S50 and electroporat\$	US-PGPUB; USPAT	AND	OFF	2007/02/21 17:41
S52	227	204/547,643.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/21 17:50
S53	1	S52 and dielectrophore\$ and (electroporat\$ same viab\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/22 14:16
S54	17	dielectrophore\$ and (electroporat\$ same viab\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/22 14:54
S55	9	dielectrophore\$ and (((electrode\$1 or micro-electrode\$1 or microelectrode\$1) with annular\$ same (central\$ or center\$ or middle))) and flow	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/22 13:28

## EAST Search History

S56	39	dielectrophore\$ and ((electrode\$1 or micro-electrode\$1 or microelectrode\$1) with annular\$) and (central\$ or center\$ or middle) and flow	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/22 13:23
S57	63	electrophore\$ and (((electrode\$1 or micro-electrode\$1 or microelectrode\$1) with annular\$ same (central\$ or center\$ or middle))) and flow	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/22 13:34
S58	0	electrophore\$ and (((electrode\$1 or micro-electrode\$1 or microelectrode\$1) with octupole with (length or along))) and flow	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/22 13:35
S59	0	(electrophore\$ or dielectrophore\$) and (((electrode\$1 or micro-electrode\$1 or microelectrode\$1) with octupole with (length or along or long\$4))) and flow	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/22 13:36
S60	68	dielectrophore\$ and electroporat\$ and viab\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/22 14:54
S61	47	dielectrophore\$ and electroporat\$ and viab\$ and flow	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/22 14:55
S62	27	dielectrophore\$ and electroporat\$ and (viab\$ same (signal\$1 or current\$1 or voltage or pulse\$1)) and flow	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/02/22 15:03

## EAST Search History

S63	43	(US-20050072677-\$ or US-20060260944-\$ or US-20060070879-\$ or US-20040063196-\$ or US-20020036139-\$ or US-20020121443-\$ or US-20030057094-\$ or US-20030102854-\$ or US-20030170698-\$ or US-20020106314-\$ or US-20040020773-\$ or US-20030159932-\$ or US-20020125138-\$ or US-20050040044-\$ or US-20030146100-\$ or US-20040040848-\$ or US-20030159943-\$ or US-20030141294-\$).did. or (US-6858184-\$ or US-6149789-\$ or US-6465225-\$ or US-6942776-\$ or US-6833061-\$ or US-6801311-\$ or US-6610188-\$ or US-6467630-\$ or US-6977033-\$ or US-7056430-\$ or US-6749736-\$ or US-6537433-\$ or US-6440285-\$ or US-6294063-\$ or US-5814200-\$ or US-4956065-\$ or US-7070684-\$ or US-6492175-\$ or US-6673225-\$ or US-6056861-\$ or US-4001102-\$ or US-5948328-\$ or US-5454472-\$ or US-6663757-\$ or US-6169394-\$).did.	US-PGPUB; USPAT	AND	OFF	2007/02/23 13:42
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